



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 861W
Receiving Advice/Acceptance
Certificate (Hazardous Waste
Material Receipt)

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
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¹At Boulder, CO 80303.

²Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office
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The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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861 Receiving Advice/Acceptance Certificate

Functional Group ID=**RC**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Receiving Advice/Acceptance Certificate Transaction Set (861) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the notification of receipt or formal acceptance of goods and services.

Notes:

- 1. Treatment, storage, and disposal facilities (TSDFs) use this transaction set to report the receipt of hazardous waste material.*
- 2. Use a single occurrence of this transaction set to report receipt of one or more items on a single manifest shipment.*
- 3. Users may need to refer to the Shipment Container Conversion Table to cross reference X12 container codes to Uniform Hazardous Waste Manifest container types. This table can be found on the National Institute of Technology (NIST) World Wide Web site.*

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BRA	Beginning Segment for Receiving Advice or Acceptance Certificate	M	1		n1
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Must Use	070	DTM	Date/Time Reference	M	10		
Not Used	080	PRF	Purchase Order Reference	O	25		
Not Used	090	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	100	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	110	TD3	Carrier Details (Equipment)	O	12		
Not Used	120	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	125	MEA	Measurements	O	40		
LOOP ID - N1						200	
Must Use	130	N1	Name	O	1		
	140	N2	Additional Name Information	O	2		
	150	N3	Address Information	O	2		
	160	N4	Geographic Location	O	1		
Not Used	170	REF	Reference Identification	O	100		
	180	PER	Administrative Communications Contact	O	3		
Not Used	190	FOB	F.O.B. Related Instructions	O	1		

861W - Receiving Advice/Acceptance Certificate (Hazardous Waste Material Receipt)

			LOOP ID - LM		10	
Not Used	200	LM	Code Source Information	O	I	
Not Used	210	LQ	Industry Code	M	100	

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - RCD			200000	
Must Use	010	RCD	Receiving Conditions	O	1		
Not Used	020	SNI	Item Detail (Shipment)	O	I		
Not Used	030	CUR	Currency	O	1		
Must Use	040	LIN	Item Identification	O	100		
	050	PID	Product/Item Description	O	1000		
Not Used	060	PO4	Item Physical Details	O	100		
	070	REF	Reference Identification	O	12		
Not Used	080	PER	Administrative Communications Contact	O	3		
Not Used	090	DTM	Date/Time Reference	O	10		
Not Used	100	PRF	Purchase Order Reference	O	25		
Not Used	110	MEA	Measurements	O	40		
Not Used	120	FOB	F.O.B. Related Instructions	O	1		
	130	TDI	Carrier Details (Quantity and Weight)	O	20		
Not Used	140	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	150	TD3	Carrier Details (Equipment)	O	12		
Not Used	160	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	170	SAC	Service, Promotion, Allowance, or Charge Information	O	10		
Not Used	180	MAN	Marks and Numbers	O	>1		
			LOOP ID - LM			10	
Not Used	185	LM	Code Source Information	O	1		
Not Used	186	LQ	Industry Code	M	100		
			LOOP ID - SLN			100	
Not Used	190	SLN	Subline Item Detail	O	I		
Not Used	200	PID	Product/Item Description	O	1000		
			LOOP ID - LM			10	
Not Used	205	LM	Code Source Information	O	1		
Not Used	206	LQ	Industry Code	M	100		
			LOOP ID - N1			200	
	210	N1	Name	O	I		
	220	N2	Additional Name Information	O	2		
	230	N3	Address Information	O	2		
	240	N4	Geographic Location	O	I		
Not Used	250	REF	Reference Identification	O	100		
Not Used	260	PER	Administrative Communications Contact	O	3		
Not Used	270	FOB	F.O.B. Related Instructions	O	1		

Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Not Used	010	CTT	Transaction Totals	O	1		n2
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. This transaction set is a Receiving Advice unless BRA04 contains a value of "8". When BRA04 contains a value of "8", the transaction set is an Acceptance Certificate and the units received is the units accepted.
2. The number of line items (CTT01) is the accumulation of the number of RCD segments. If used, hash total (CTT02) is the sum of the value of quantities received (RCD02) for each RCD segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 861 X12.12 Receiving Advice	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned to this transaction set for control purposes. Usually assigned by the translation software. This is the same number that appears in SE02.</i>	M AN 4/9

Segment: **BRA** Beginning Segment for Receiving Advice or Acceptance Certificate
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Receiving Advice or Acceptance Certificate Transaction Set and transmit an identifying number, date, and time
Syntax Notes:
Semantic Notes: 1 BRA02 is the date that the receiving advice transaction set is created.
2 BRA05 is the time that the receiving advice transaction set is created.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BRA01	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Must use to identify the EPA manifest document number for the shipment being received.</i>	M AN 1/30
Must Use	BRA02	373	Date Date (YYMMDD) 1. Use to indicate the transaction set creation date. 2. This date corresponds to the Universal Time Coordinate (UTC).	M DT 6/6
Must Use	BRA03	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original <i>Use to indicate an original receiving document.</i> 01 Cancellation 05 Replace <i>Use to indicate that a change has been made to a previous transaction set. When used, all data, whether changed or not, must be retransmitted. When used, the retransmitted data will overwrite the information in the receiving database.</i> 07 Duplicate <i>Use to indicate the re-transmission of an original 861 transaction set.</i>	M ID 2/2
Must Use	BRA04	962	Receiving Advice or Acceptance Certificate Type Code Code specifying type of receiving advice 1 Receiving Dock Advice <i>Use to indicate receipt at an interim TSDF.</i> 3 Disposition Advice <i>Use to indicate receipt at the final TSDF where disposal will occur.</i>	M ID 1/1
Must Use	BRA05	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-	O TM 4/8

59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. Express the originating organization's time in UTC.

2. Express time in a four-position (Hour Hour Minute Minute) format.

Not Used BRA06 412

Receiving Condition Code **O** **ID 2/2**

Code designating physical condition or status of units received in a specific shipment

Not Used BRA07 306

Action Code **O** **ID 1/2**

Code indicating type of action

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: *Use this 1/REF/050 segment to identify the state manifest number associated with the EPA manifest number identified in BRA01.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification MK Manifest Key Number <i>Use to indicate the state manifest number.</i>	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **DTM** Date/Time Reference
Position: 070
Loop:
Level: Heading
Usage: Mandatory
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *Must use this 1/DTM/070 segment to indicate the dates the waste was shipped and received.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3
			011 Shipped <i>Must use to indicate the date the waste left the generator, interim TSDF site, or other shipping facility.</i>	
			050 Received <i>Must use to indicate the date the waste was received at the TSDF.</i>	
Must Use	DTM02	373	Date Date (YYMMDD)	X DT 6/6
Not Used	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
Not Used	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **N1** Name
Position: 130
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: *Must use at least 3 occurrences of this 1/N1/130 loop to identify the receiving TSDF, the destination carrier and the organization from which the waste was shipped. The loop may also be used to identify other organization(s) associated with the shipment.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		2F State	
		<i>Use as needed to indicate a state environmental agency.</i>	
		C4 Contract Administration Office	
		Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area	
		<i>For U.S. Government Shipments, must use to indicate the Government office administering the disposal effort.</i>	
		CA Carrier	
		<i>Use only if more than two carriers were used. Use to identify the intermediate carriers, not the origin or destination carriers. Use multiple repetitions as needed to identify carriers 3, 4, etc.</i>	
		DC Destination Carrier	
		<i>Must use to indicate the transportation organization that delivered the material to the receiving TSDF</i>	
		GY Treatment Facility	
		<i>Must use to indicate the TSDF receiving the waste.</i>	
		OC Origin Carrier	
		<i>Use to indicate the carrier which received the waste from the shipment location. Use this code only if the carrier is different than the destination carrier.</i>	
		PK Party to Receive Copy	
		<i>Use multiple iterations as needed to identify additional organization(s) to receive copies of the transaction set.</i>	

		SF	Ship From <i>Must use to indicate the organization (typically the generator or another TSDF) from which the waste was shipped.</i>		
		SJ	Service Provider Identifies name and address information as pertaining to a service provider for which billing is being rendered <i>Use to indicate the organization coordinating the disposal services.</i>		
N102	93	Name		X	AN 1/35
		Free-form name			
			<i>Use to identify the organization only when coded means are unavailable or insufficient.</i>		
N103	66	Identification Code Qualifier		X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)			
			<i>1. Use codes 1,9, or 10 in conjunction with N101 codes C4 and PK to identify government facilities</i>		
			<i>2. Use codes 1, 9, or 33 in conjunction with N101 code SJ and PK to identify commercial entities.</i>		
		1	D-U-N-S Number, Dun & Bradstreet		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
		10	Department of Defense Activity Address Code (DODAAC)		
		33	Commercial and Government Entity (CAGE)		
			<i>Use with N101 code SJ.</i>		
		FA	Facility Identification <i>Must use in conjunction with N101 codes GY, SF, OC, DC, and CA to indicate the EPA identification number of the organization.</i>		
N104	67	Identification Code		X	AN 2/20
		Code identifying a party or other code			
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
		Code describing entity relationship			
N106	98	Entity Identifier Code		O	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual			
		FR	Message From <i>Use to indicate that the organization cited in N104 transmitted the transaction set.</i>		
		TO	Message To <i>Use to indicate that the organization cited in N104 is to receive the transaction set.</i>		

Segment:	N2	Additional Name Information
Position:	140	
Loop:	N1	Optional (Must Use)
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	<i>This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide additional name information of the organization identified in N102.</i>	

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 150
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide street address information of the organization identified in N102.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4** Geographic Location
Position: 160
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: *This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide geographical location information of the organization identified in N102.*

Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		Refer to 003060 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	

Segment: **PER** Administrative Communications Contact
Position: 180
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

- Notes:**
1. *Must use this 1/PER/180 segment in conjunction with N101 code GY to identify the individual certifying receipt and to provide communications numbers.*
 2. *Use to identify the point of contact and multiple communications numbers. When using multiple repetitions to identify different communications numbers for a single point of contact, repeat the name cited in PER02.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named RE Receiving Contact	M ID 2/2
Must Use	PER02	93	Name Free-form name <i>Provide the last name, first name, middle initial and rate/rank/title as required, of the individual. Include blank spaces between name components and periods after initials. Do not include NMN when a middle initial is not available</i>	O AN 1/35
Must Use	PER03	365	Communication Number Qualifier Code identifying the type of communication number <i>1. Use to identify the preferred method of communication in PER03/04. Use PER05/6 and PER07/8 to identify additional communications numbers. Use additional repetitions of the PER segment to identify more than three numbers.</i> <i>2. Do not include blank spaces or dashes between numbers.</i>	X ID 2/2
			AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FX Facsimile IT International Telephone <i>Include country and city codes as needed.</i>	
			TE Telephone <i>Use to indicate the commercial telephone number. Include the area code and number.</i>	

Must Use	PER04	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER05	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			<i>1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01.</i>		
			<i>2. Do not include blank spaces or dashes between numbers.</i>		
			AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
			EM	Electronic Mail	
			EX	Telephone Extension <i>When used, there must be a previous communication number citing either a national or international telephone number.</i>	
			FX	Facsimile	
			IT	International Telephone <i>Include country and city codes as needed.</i>	
			TE	Telephone <i>Use to indicate the commercial telephone number. Include the area code and number.</i>	
	PER06	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER07	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			<i>1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01.</i>		
			<i>2. Do not include blank spaces or dashes between numbers.</i>		
			AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
			EM	Electronic Mail	
			EX	Telephone Extension <i>When used, there must be a previous communication number citing either a national or international telephone number.</i>	
			FX	Facsimile	
			IT	International Telephone <i>Include country and city codes as needed.</i>	
			TE	Telephone	

*Use to indicate the commercial telephone number.
Include the area code and number.*

	PER08	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER09	443	Contact Inquiry Reference	O	AN 1/20
			Additional reference number or description to clarify a contact number		

Segment:	RCD Receiving Conditions
Position:	010
Loop:	RCD Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To report receiving conditions and specify contested quantities
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of RCD02 RCD04 or RCD06 is required. 2 If either RCD02 or RCD03 is present, then the other is required. 3 If either RCD04 or RCD05 is present, then the other is required. 4 If any of RCD06 RCD07 or RCD08 is present, then all are required. 5 If any of RCD09 RCD10 or RCD11 is present, then all are required. 6 If any of RCD12 RCD13 or RCD14 is present, then all are required. 7 If any of RCD15 RCD16 or RCD17 is present, then all are required. 8 If any of RCD18 RCD19 or RCD20 is present, then all are required.
Semantic Notes:	<ol style="list-style-type: none"> 1 RCD01 is the receiving advice line item identification. 2 RCD21 is the cumulative quantity of goods received for a specific time period.
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of receiving condition IDs. 2 RCD06 through RCD20 provide for five different quantities whose condition upon receipt is under question.
Notes:	<ol style="list-style-type: none"> 1. <i>Must use one or more iterations of this 2/RCD/010 loop to identify line items received. Each iteration must identify the waste associated with a single line item.</i> 2. <i>Use RCD02-3 to indicate the quantity received and accepted. Use RCD04-5 as needed to identify the quantity refused. Use RCD06-8, RCD09-11, RCD12-14 and RCD15-17 triples as needed to identify quantities accepted with discrepancies noted.</i> 3. <i>The quantities indicated in RCD02/6/9/12 are generally expressed in weight or volume. Use the 2/TD1/130 segment to indicate the number of containers and total weight or volume of waste per manifest line item.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	RCD01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>Use to identify the manifest line number for the line item.</i>	O AN 1/20
Must Use	RCD02	663	Quantity Units Received or Accepted Number of Units Received or Accepted <i>Use to identify the quantity of waste accepted in good condition.</i>	X R 1/9
Must Use	RCD03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
			26 Actual Tons	
			CO Cubic Meters (Net)	
			CY Cubic Yard	
			EA Each	
			GA Gallon	
			KG Kilogram	

			LB	Pound		
			LT	Liter		
			MP	Metric Ton		
Not Used	C00102	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00103	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00104	355	Unit or Basis for Measurement Code		O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00105	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00106	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00107	355	Unit or Basis for Measurement Code		O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00108	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00109	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00110	355	Unit or Basis for Measurement Code		O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00111	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00112	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00113	355	Unit or Basis for Measurement Code		O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00114	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00115	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
	RCD04	664	Quantity Units Returned		X	R 1/9
			Number of units returned			
			<i>1. Use to indicate the quantity of waste refused.</i>			
			<i>2. When this data element is used, must use the 2/REF/070 segment to identify the reason for refusal and the 2/N1/210 segment to identify the location of where the waste was forwarded or returned.</i>			
	RCD05	C001	Composite Unit of Measure		X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
Must Use	C00101	355	Unit or Basis for Measurement Code		M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		26	Actual Tons			
		CO	Cubic Meters (Net)			
		CY	Cubic Yard			
		EA	Each			
		GA	Gallon			

KG	Kilogram
LB	Pound
LT	Liter
MP	Metric Ton

Not Used	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	RCD06	667	Quantity in Question Number of units contested because of physical condition or status of units <i>Use to identify a quantity accepted with a discrepancy. Use RCD08 to identify the type of discrepancy. Use RCD11, RCD14, and RCD17 as needed to identify additional discrepancies.</i>	X	R 1/9
	RCD07	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X	
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 26 Actual Tons CO Cubic Meters (Net) CY Cubic Yard EA Each GA Gallon	M	ID 2/2

KG	Kilogram
LB	Pound
LT	Liter
MP	Metric Ton

Not Used	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	RCD08	412	Receiving Condition Code Code designating physical condition or status of units received in a specific shipment <i>1. Use as needed to specify one of codes 02 or 03. If used to specify an over/under condition use RCD11, RCD14 and RCD17 as needed to specify other discrepancy codes.</i> <i>2. If neither code 02 nor 03 are used, use this data element as needed to specify one of the other codes.</i> <i>3. Use any single code one time at most.</i>	X	ID 2/2
		01	Damaged Product or Container <i>Use to indicate a damaged container(s).</i>		
		02	Quantity Short <i>Must use if the weight/volume deviates by 10% or more from what was listed on the manifest or if there</i>		

is ANY deviation in the number of containers. RCD06 will indicate the weight/volume or number of containers actually received.

03

Quantity Over

Must use if the weight/volume deviates by 10% or more from what was listed on the manifest or if there is ANY deviation in the number of containers. RCD06 will indicate the weight/volume or number of containers actually received.

04

Quality Problem

Other discrepancy, when used must use the 2/REF/070 segment to describe the discrepancy.

05

Incorrect Product

Use to indicate the material received was not what was described on the manifest.

RCD09

667

Quantity in Question

X R 1/9

Number of units contested because of physical condition or status of units
Use to identify a quantity accepted with an additional discrepancy. Use RCD11 to identify the type of discrepancy.

RCD10

C001

Composite Unit of Measure

X

To identify a composite unit of measure (See Figures Appendix for examples of use)

Must Use

C00101

355

Unit or Basis for Measurement Code

M ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

26

Actual Tons

CO

Cubic Meters (Net)

CY

Cubic Yard

EA

Each

GA

Gallon

KG

Kilogram

LB

Pound

LT

Liter

MP

Metric Ton

Not Used

C00102

1018

Exponent

O R 1/15

Power to which a unit is raised

Not Used

C00103

649

Multiplier

O R 1/10

Value to be used as a multiplier to obtain a new value

Not Used

C00104

355

Unit or Basis for Measurement Code

O ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used

C00105

1018

Exponent

O R 1/15

Power to which a unit is raised

Not Used

C00106

649

Multiplier

O R 1/10

Value to be used as a multiplier to obtain a new value

Not Used

C00107

355

Unit or Basis for Measurement Code

O ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used

C00108

1018

Exponent

O R 1/15

			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	RCD11	412	Receiving Condition Code	X	ID 2/2
			Code designating physical condition or status of units received in a specific shipment		
			01 Damaged Product or Container		
			04 Quality Problem		
			05 Incorrect Product		
	RCD12	667	Quantity in Question	X	R 1/9
			Number of units contested because of physical condition or status of units		
			<i>Use to identify a quantity accepted with an additional discrepancy. Use RCD14 to identify the type of discrepancy.</i>		
	RCD13	C001	Composite Unit of Measure	X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
Must Use	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			26 Actual Tons		
			CO Cubic Meters (Net)		
			CY Cubic Yard		
			EA Each		
			GA Gallon		
			KG Kilogram		
			LB Pound		
			MP Metric Ton		
Not Used	C00102	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00105	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	Multiplier	O	R 1/10

			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	RCD14	412	Receiving Condition Code Code designating physical condition or status of units received in a specific shipment 01 Damaged Product or Container 04 Quality Problem 05 Incorrect Product	X	ID 2/2
	RCD15	667	Quantity in Question Number of units contested because of physical condition or status of units <i>Use to identify quantities with an additional discrepancy. Use RCD17 to indicate the type of discrepancy.</i>	X	R 1/9
	RCD16	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X	
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 26 Actual Tons CO Cubic Meters (Net) CY Cubic Yard EA Each GA Gallon KG Kilogram LB Pound MP Metric Ton	M	ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in	O	ID 2/2

Not Used	C00105	1018	which a measurement has been taken Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	RCD17	412	Receiving Condition Code Code designating physical condition or status of units received in a specific shipment 01 Damaged Product or Container 04 Quality Problem 05 Incorrect Product	X	ID 2/2
Not Used	RCD18	667	Quantity in Question Number of units contested because of physical condition or status of units	X	R 1/9
Not Used	RCD19	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X	
Not Used	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2

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Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	RCD20	412	Receiving Condition Code Code designating physical condition or status of units received in a specific shipment	X	ID 2/2
Not Used	RCD21	380	Quantity Numeric value of quantity	O	R 1/15

Segment:	LIN	Item Identification
Position:	040	
Loop:	RCD	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	100	
Purpose:	To specify basic item identification data	
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required. 	
Semantic Notes:	1 LIN01 is the line item identification	
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. 	
Notes:	<i>1. Must use this 2/LIN/040 segment to identify EPA manifest line number and other identification of the waste received. For each iteration of the 2/RCD/010 loop use only a single repetition of the 2/LIN/040 segment.</i>	

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>Use to identify the manifest line number.</i>	O AN 1/20
Must Use	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) CN Commodity Name <i>Use to indicate the proper shipping name.</i>	M ID 2/2
Must Use	LIN03	234	Product/Service ID Identifying number for a product or service	M AN 1/40
Must Use	LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IN Buyer's Item Number <i>Must use in DRMS disposals to indicate the Hazardous Identification Number (HIN).</i>	X ID 2/2
Must Use	LIN05	234	Product/Service ID Identifying number for a product or service	X AN 1/40
Not Used	LIN06	235	Product/Service ID Qualifier	X ID 2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN07	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN09	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN11	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN13	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN15	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN17	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN19	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN21	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN23	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN25	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN27	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN28	235	Product/Service ID Qualifier	X	ID 2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN29	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	LIN30	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN31	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	

Segment:	PID Product/Item Description
Position:	050
Loop:	RCD Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05.
Comments:	<ol style="list-style-type: none"> 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	<i>Use multiple occurrences of this 2/PID/050 segment as needed to identify the EPA handling codes and EPA and state waste codes.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	PID01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free-form	
		<i>Use as needed to provide additional descriptive information not available from code sources. Use in conjunction with PID02 code STL and PID05.</i>	
		S Structured (From Industry Code List)	
		<i>Must use to identify waste numbers and handling codes from industry code lists. Use in conjunction with PID02 codes HZ, NH, and WT and PID04.</i>	
	PID02	750 Product/Process Characteristic Code	O ID 2/3
		Code identifying the general class of a product or process characteristic	
		<i>Must use only one of code HZ or NH.</i>	
		HZ Hazardous Material	
		<i>Use with PID04 to indicate the handling code (treatment code).</i>	
		NH Non-Hazardous Material	
		<i>Use with PID04 to indicate the handling code.</i>	
		STL State Controlled	
		<i>Use to indicate the applicable state waste code(s). Use in conjunction with PID01 code F. Cite the USPS abbreviation for the applicable state followed by a dash and then the specific waste code in PID05.</i>	
		WT Waste	
		<i>Use to indicate the EPA waste code. Use in conjunction with PID01 code S and PID03 code EP.</i>	

Use PID04 to identify the specific waste code.

	PID03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
			EP United States Environmental Protection Agency (EPA)		
	PID04	751	Product Description Code	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
	PID05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	PID06	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that is being described		
Not Used	PID07	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		
Not Used	PID09	819	Language Code	O	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

Segment: **REF** Reference Identification
Position: 070
Loop: RCD Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: 1. Use this 2/REF/070 segment to specify identification numbers for the line item.
 2. Also use this segment as needed to report discrepancy data.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification NN Nonconformance Report Number <i>Must use in conjunction with RCD04 to describe why waste was refused by the receiving TSDF.</i> <i>Also use when one of RCD08, RCD11, RCD14 or RCD17 contain code 04 to describe a discrepancy that cannot be explained by coded means.</i> W1 Defense Turn-In Document Number Identifies material submitted for reutilization and marketing <i>Must use in DRMS shipments to indicate the DTID.</i>	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier 1. Use in conjunction with REF01 code W1 to identify the DTID. 2. Use in conjunction with REF01 code NN to identify one of the following: CE - Waste was refused (RCD04 used) due to lack of capacity to store or process it. UQ - Waste was refused (RCD04 used) due to TSDF not qualified to process the type of waste. RO - Waste was refused (RCD04 used) for other reason, as described in REF03. DO - Waste was accepted with a discrepancy that could not be explained by coded means (RCD08, 11, 14, or 17 was code 04). Use REF03 to describe the discrepancy.	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content Use only in conjunction with REF01 code NN and REF02 - RO or DO to provide a textual description of the discrepancy or reason for refusal. Use only when coded means fail to describe the circumstances.	X AN 1/80

Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M	ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

Segment: **TD1** Carrier Details (Quantity and Weight)
Position: 130
Loop: RCD Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify the transportation details relative to commodity, weight, and quantity
Syntax Notes:

- 1 If TD101 is present, then TD102 is required.
- 2 If TD103 is present, then TD104 is required.
- 3 If TD106 is present, then TD107 is required.
- 4 If either TD107 or TD108 is present, then the other is required.
- 5 If either TD109 or TD110 is present, then the other is required.

Semantic Notes:**Comments:****Notes:**

1. Use this 2/TD1/130 segment to identify the line item weight/volume and container types and quantity.
2. The shipment quantity must be expressed either in weight (use TD106-8) or volume (use TD109-10) but not both.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TD101	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material <i>1. Use to identify the type of containers.</i> <i>2. Typically use a code from part 1 to identify the type of container with a code from part 2 to identify the material (e.g., DRM58 would be a metal drum). However, part 1 codes BRG, TKR, TKT, TNK, and VEH do not use a part 2 code. See the Shipping Container Conversion Table for more information regarding converting X12 codes to UHWM container types.</i>	O AN 3/5
			BAG Bag BOX Box BRG Barge CYL Cylinder DRM Drum TKR Tank Car TKT Tank Truck TNK Tank VEH Vehicles 07 Burlap 13 Cloth 31 Fibre 37 Fiberboard 58 Metal 79 Plastic 94 Wood	
Must Use	TD102	80	Lading Quantity Number of units (pieces) of the lading commodity	X N0 1/7

Must use when TD101 is used. Use to identify the number of containers received without regard as to whether they were accepted, refused, or accepted with a discrepancy noted.

Not Used	TD103	23	Commodity Code Qualifier	O	ID 1/1
			Code identifying the commodity coding system used for Commodity Code		
Not Used	TD104	22	Commodity Code	X	AN 1/30
			Code describing a commodity or group of commodities		
Not Used	TD105	79	Lading Description	O	AN 1/50
			Description of an item as required for rating and billing purposes		
	TD106	187	Weight Qualifier	O	ID 1/2
			Code defining the type of weight		
			A Consolidated Weight		
	TD107	81	Weight	X	R 1/10
			Numeric value of weight		
			<i>Use to identify the total quantity received in weight of the line item without regard as to whether it was accepted, refused, or accepted with a discrepancy noted.</i>		
	TD108	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>Use to identify the unit of measure of weight.</i>		
			26 Actual Tons		
			KG Kilogram		
			LB Pound		
			MP Metric Ton		
	TD109	183	Volume	X	R 1/8
			Value of volumetric measure		
			<i>Use to identify the total quantity received in volume of the line item without regard as to whether it was accepted, refused, or accepted with a discrepancy noted.</i>		
	TD110	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>Use to identify the unit of measure for volume.</i>		
			CO Cubic Meters (Net)		
			CY Cubic Yard		
			GA Gallon		
			LT Liter		

Segment: **N1** Name
Position: 210
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: *Use this segment to identify the organization that refused waste was shipped (forwarded or returned) to. Must use with 2/RCD04/010.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual ST Ship To <i>Use to indicate the location refused waste was shipped to.</i>	M ID 2/2
	N102	93	Name Free-form name <i>Use to identify the organization only when coded means are unavailable or insufficient.</i>	X AN 1/35
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) 33 Commercial and Government Entity (CAGE) FA Facility Identification	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X AN 2/20
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	O ID 2/2

Segment: **N2** Additional Name Information
Position: 220
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide additional name information of the organization identified in N102.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 230
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide street address information of the organization identified in N102.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4** Geographic Location
Position: 240
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: *This segment is not necessary when the organization cited in N101 is described by a code in N103/N104. If needed, use to provide geographical location information of the organization identified in N102.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		Refer to 003060 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>This is the same number that appears in ST02.</i>	M AN 4/9

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